

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Prayaga, *et al.*
SERIAL NUMBER: 09/755,665 EXAMINER: Not Yet Assigned
FILING DATE: January 4, 2001 ART UNIT: Not Yet Assigned
FOR: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME

BOX IDS

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed below and on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. The order of presentation of the references should not be construed as an indication of the importance of the references.

Foreign Patent Documents:

95/11305	Zeneca Limited	April 27, 1995
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Other Prior Art – Non Patent Literature Documents:

Grasser, et al., 1996 "Maize chromosomal HMGc. Two closely related structure-specific DNA-binding proteins specify a second type of plant high mobility group box protein." J. Biol. Chem. 271:32900-32906. GenBank Accession Number: P93631
Kaul, et al., 1999 Large-scale Mapping and Sequencing of Human Chromosome 7." Unpublished. GenBank Accession Number: AC018639
Kirchhoff, et al, 1994 "Major human epididymis-specific gene product, HE3, is the first representative of a novel gene family." Mol. Reprod. Dev. 37 (2), 130-137. GenBank Accession Number: X76386 ✓
Kirchhoff, et al, 1994 "Major human epididymis-specific gene product, HE3, is the first representative of a novel gene family." Mol. Reprod. Dev. 37 (2), 130-137. GenBank Accession Number: NM_022360
Kirchhoff, et al, 1994 "Major human epididymis-specific gene product, HE3, is the first representative of a novel gene family." Mol. Reprod. Dev. 37 (2), 130-137. GenBank Accession Number: Q14507 ✓
NCBI Annotation Project. 2001 Direct Submission to National Center for Biotechnology. GenBank Accession Number: XP_003504
NCBI Annotation Project. 2001 Direct Submission. GenBank Accession Number: XP_003501
Tekamp-Olson, et al., 1990 "Cloning and characterization of cDNAs for murine macrophage inflammatory protein 2 and its human homologues." J. Exp. Med. 172 (3), 911-919. GenBank Accession Number: NP_002080
Wilson, R.K., 1995 Direct Submission. GenBank Accession Number: R05767

APPLICANTS: **Prayaga, et al.**
U.S.S.N.: **09/755,665**

Wilson, R.K., 1996 Direct Submission. GenBank Accession Number: W32867
Wilson, R.K., 1996 Direct Submission. GenBank Accession Number: W32868
Yan, et al., 1993 "Neutrophil-activating intercrine secreted by porcine platelets is active without proteolytic processing." Am. J. Physiol. 265 (5 Pt 1), C1396-C1404. GenBank Accession Number: AAB28903
Zheng, et al., 1993 "Cloning and characterization and distinct human extracellular signal-regulated kinase activator kinases, MEK1 and MEK2." J. Biol. Chem. 268, 11435-11439. GenBank Accession Number: L11285
Zheng, et al., 1993 "Cloning and characterization and distinct human extracellular signal-regulated kinase activator kinases, MEK1 and MEK2." J. Biol. Chem. 268, 11435-11439. GenBank Accession Number: P36507

This Information Disclosure Statement is being filed before the mailing date of the first Office Action.

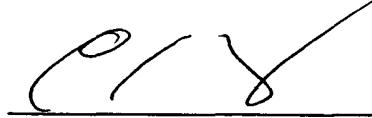
A copy of each of the above-identified information is enclosed unless otherwise indicated on the attached Form PTO-1449 (modified). It is respectfully requested that the Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims, and signs the enclosed form PTO-1449 to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that: (1) a search has been performed, of the extent of any search performed, or that more relevant information does not exist; (2) the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); and (3) the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

APPLICANTS: *Prayaga, et al.*
U.S.S.N.: **09/755,665**

Notwithstanding any statements by the Applicant, the Examiner is urged to form his/her own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested. Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 15966-631.

Respectfully submitted,



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Dated: April 12, 2000

TRADOC:1459457.1(V@4H011.DOC)

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PTO/SB (12-97)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Modified Form 1449/PTO		Application Number	09/755,665
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	1/4/01
		First Named Inventor	Taupier
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	15966-631 (Cura-131)

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	B1	WO 95/11305	Zeneca Limited	April 27, 1995	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Grasser, et al., 1996 "Maize chromosomal HMGc. Two closely related structure-specific DNA-binding proteins specify a second type of plant high mobility group box protein." <u>J. Biol. Chem.</u> 271:32900-32906. GenBank Accession Number: P93631
	C2	Kaul, et al., 1999 Large-scale Mapping and Sequencing of Human Chromosome 7." Unpublished. GenBank Accession Number: AC018639
	C3	Kirchhoff, et al, 1994 "Major human epididymis-specific gene product, HE3, is the first representative of a novel gene family." <u>Mol. Reprod. Dev.</u> 37 (2), 130-137. GenBank Accession Number: X76386
	C4	Kirchhoff, et al, 1994 "Major human epididymis-specific gene product, HE3, is the first representative of a novel gene family." <u>Mol. Reprod. Dev.</u> 37 (2), 130-137. GenBank Accession Number: NM_022360
	C5	Kirchhoff, et al, 1994 "Major human epididymis-specific gene product, HE3, is the first representative of a novel gene family." <u>Mol. Reprod. Dev.</u> 37 (2), 130-137. GenBank Accession Number: Q14507
	C6	NCBI Annotation Project. 2001 Direct Submission to National Center for Biotechnology. GenBank Accession Number: XP_003504
	C7	NCBI Annotation Project. 2001 Direct Submission. GenBank Accession Number: XP_003501
	C8	Tekamp-Olson, et al., 1990 "Cloning and characterization of cDNAs for murine macrophage inflammatory protein 2 and its human homologues." <u>J. Exp. Med.</u> 172 (3), 911-919. GenBank Accession Number: NP_002080
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	C10	Wilson, R.K., 1996 Direct Submission. GenBank Accession Number: W32867
	C11	Wilson, R.K., 1996 Direct Submission. GenBank Accession Number: W32868
	C12	Yan, et al., 1993 "Neutrophil-activating intercrine secreted by porcine platelets is active without proteolytic processing." <u>Am. J. Physiol.</u> 265 (5 Pt 1), C1396-C1404. GenBank Accession Number: AAB28903
	C13	Zheng, et al., 1993 "Cloning and characterization and distinct human extracellular signal-regulated

Date of Deposit: April 12, 2001

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		kinase activator kinases, MEK1 and MEK2." <u>J. Biol. Chem.</u> 268, 11435-11439. GenBank Accession Number: L11285
	C14	Zheng, et al., 1993 "Cloning and characterization and distinct human extracellular signal-regulated kinase activator kinases, MEK1 and MEK2." <u>J. Biol. Chem.</u> 268, 11435-11439. GenBank Accession Number: P36507

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

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TRADOCs:1459458.1(V@4\$01!.DOC)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: *Prayaga, et al.*

SERIAL NUMBER: 09/755,665

EXAMINER: Not Yet Assigned

FILING DATE: January 4, 2001

ART UNIT: 1646

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BOX IDS

Assistant Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby make of record the documents listed on the attached modified Form PTO-1449 (submitted in duplicate) in the above-identified application, copies of which are submitted herewith. The order of presentation of the references should not be construed as an indication of the importance of the references.

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Respectfully submitted,

Ivor R. Elrifi, Reg. No. 39,529
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Modified Form 1449/PTO		Application Number	09/755,665
		Filing Date	1/4/01
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor	Taupier
		Group Art Unit	1646
(use as many sheets as necessary)		Examiner Name	Not Yet Assigned
		Attorney Docket Number	15966-631 (Cura-131)

U.S. PATENT DOCUMENTS								
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate	

FOREIGN PATENT DOCUMENTS								
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)			Date of Publication	Translation Yes No	
	B2	EP 0440321A	IHF Inst. Fur Hormon und Fortpflanzungsforschung GmbH			August 7, 1991		X

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS								
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.						
	C15	Osterhoff et al., Molecular cloning and characterization of a novel human sperm antigen (HE2) specifically expressed in the proximal epididymis", Biology of Reproduction, 50:516-25, 1994						
	C16	Kirchhoff et al., "A major mRNA of the human epididymal principal cells, HE5, encodes the leucocyte differentiation CDw52 antigen peptide backbone", Mol. Repro. Dev., 34:8-15, 1993						
	C17	Kirchhoff et al., "Cloning and analysis of mRNAs expressed specifically in the human epididymus", Int'l J. Andrology, 13:155-67, 1990						
	C18	Kirchhoff et al., "Molecular aspects of epididymal function and sperm maturation" Cur. Adv Androl, Proc. Int. Cong. Androl 6 th , pp. 253-59, 1997.						
	C19	PCT Partial International Search Report						

* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

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